

MISSOURI STATE BOARD OF EDUCATION AGENDA ITEM:**August 2023**

**REPORT ON 2022-23 MISSOURI ASSESSMENT PROGRAM GRADE-LEVEL AND END-OF-COURSE
PRELIMINARY STATEWIDE RESULTS IN ENGLISH LANGUAGE ARTS, MATHEMATICS,
SCIENCE, AND SOCIAL STUDIES**

STATUTORY AUTHORITY:

Section 161.092, RSMo

☐Consent
Item☐Action
Item☒Report
Item**STRATEGIC PRIORITY**

Success-Ready Students & Workforce Development

SUMMARY

This report will provide an overview of the preliminary statewide results of the 2022-23 implementation of the Missouri Assessment Program (MAP). Presenters will discuss the meaning of the preliminary results in English language arts, mathematics, science, and social studies.

PRESENTERS

Lisa Sireno, Assistant Commissioner, Office of Quality Schools; and Shaun Bates, Standards, Curriculum, and Assessment Coordinator, will assist in the presentation and discussion of this agenda item.

Missouri Assessment Program (MAP) 2022-23 Preliminary Statewide Results

August 15, 2023



WHY ADMINISTER STATEWIDE ASSESSMENTS?



Accountability

Application

Improve educational systems
Ensure educational equity

- State and federal accountability
- Missouri School Improvement Program (MSIP)
- Every Student Succeeds Act (ESSA)

Provide public reporting and feedback

- Students, parents, schools, communities, taxpayers

Evaluate programs at local and state levels

- Curriculum reform, virtual learning, etc.

Provide comparisons and benchmarks

- Other measures of student performance and achievement gaps

Research

- Attendance
- Identify successes

Develop specific supports for students,
teachers, and local education agencies (LEAs)



- Statewide assessment participation rate is above 95%.
- Overall performance rates have not reached pre-pandemic levels.
 - ❑ Since 2021-22, slight increases in performance in English Language Arts (ELA) except in grades 6 and 7.
 - ❑ Since 2021-22, performance in Mathematics and Science has increased or held steady in all grades and courses.
 - ❑ Since 2021-22, performance in Social Studies has declined.

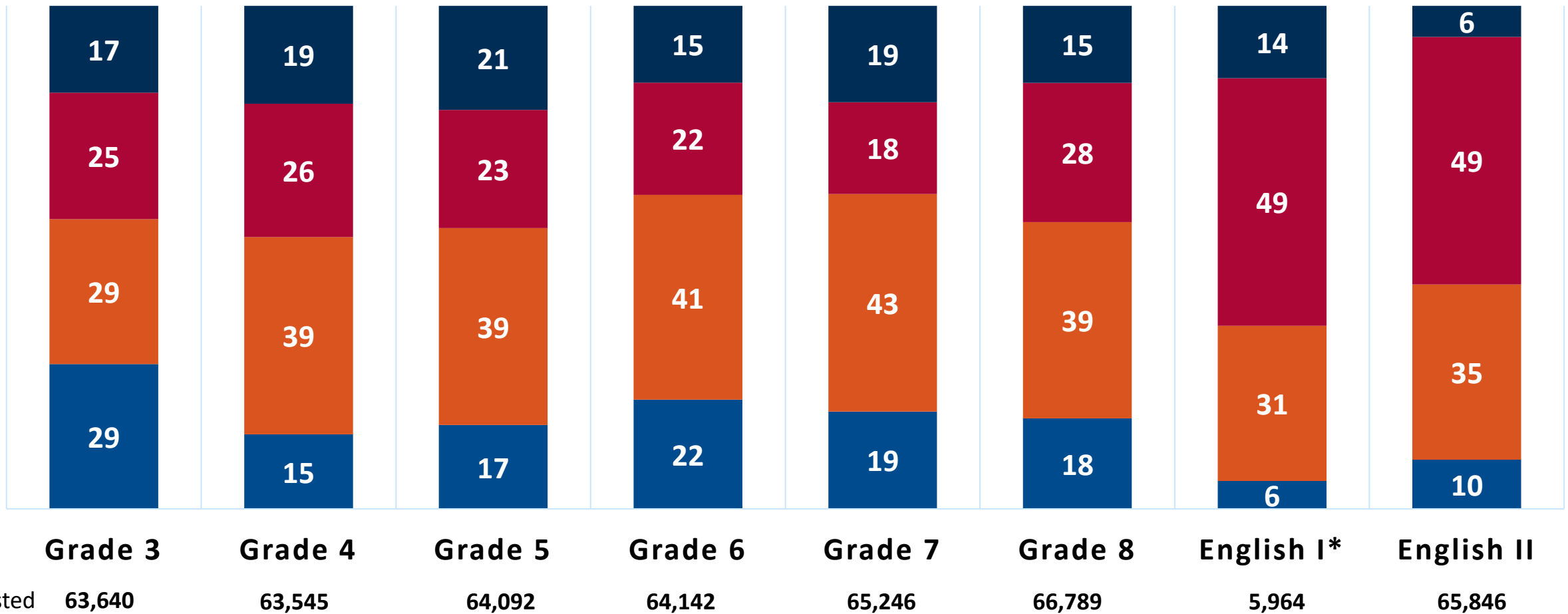
2022-23 Preliminary Statewide Results

ELA, Mathematics, Science, and Social Studies

ELA 2022-23



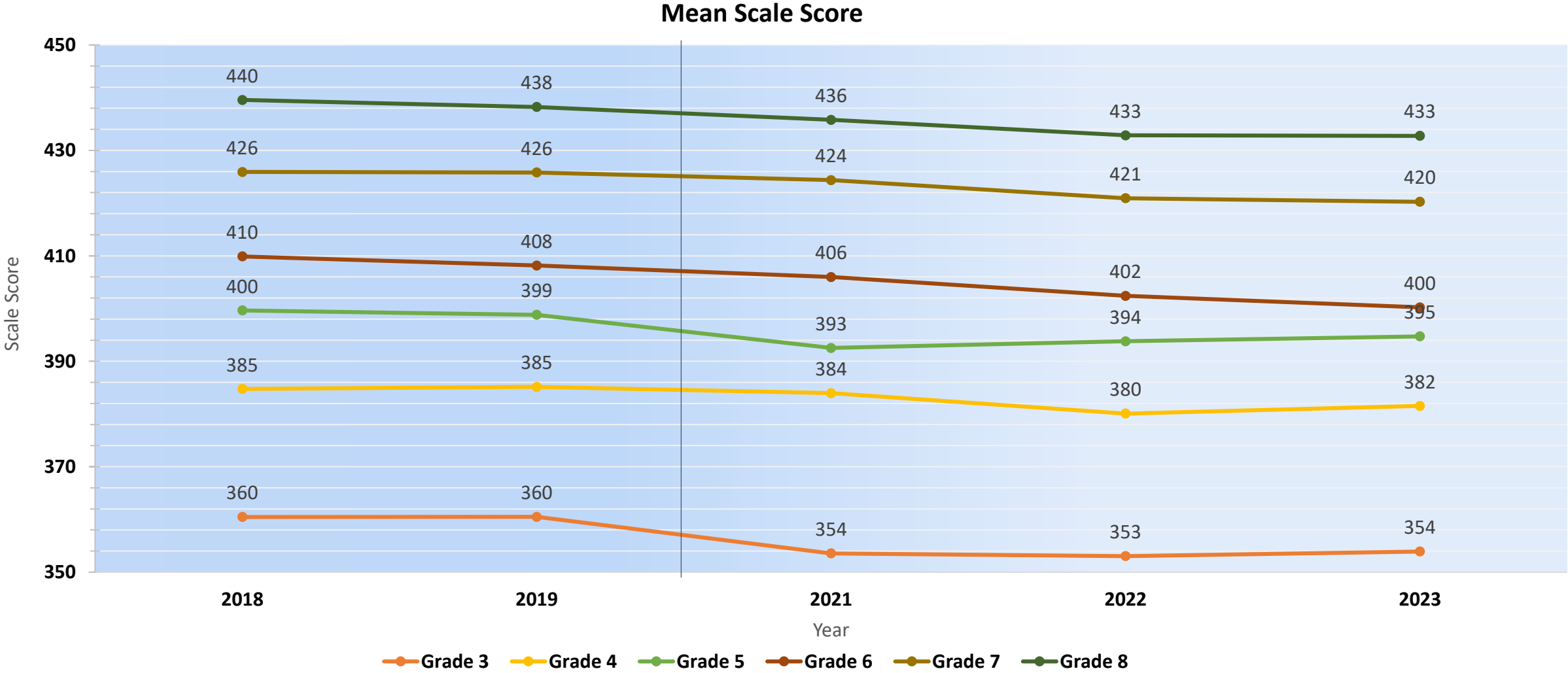
■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced



*Optional End-of-Course (EOC) assessment.

Percentages may not sum to 100 due to rounding.

ELA GRADES 3-8 2018-2023*

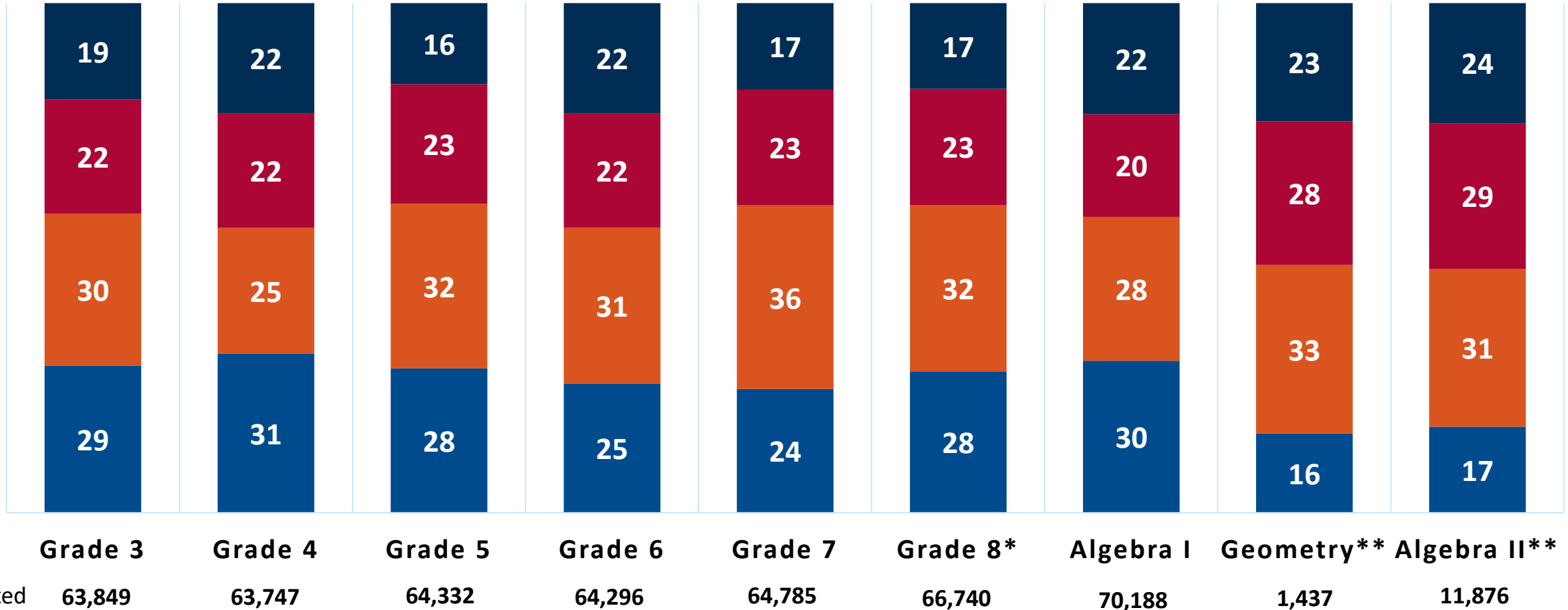


*Assessments were not administered in 2020.

MATHEMATICS 2022-23



■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced



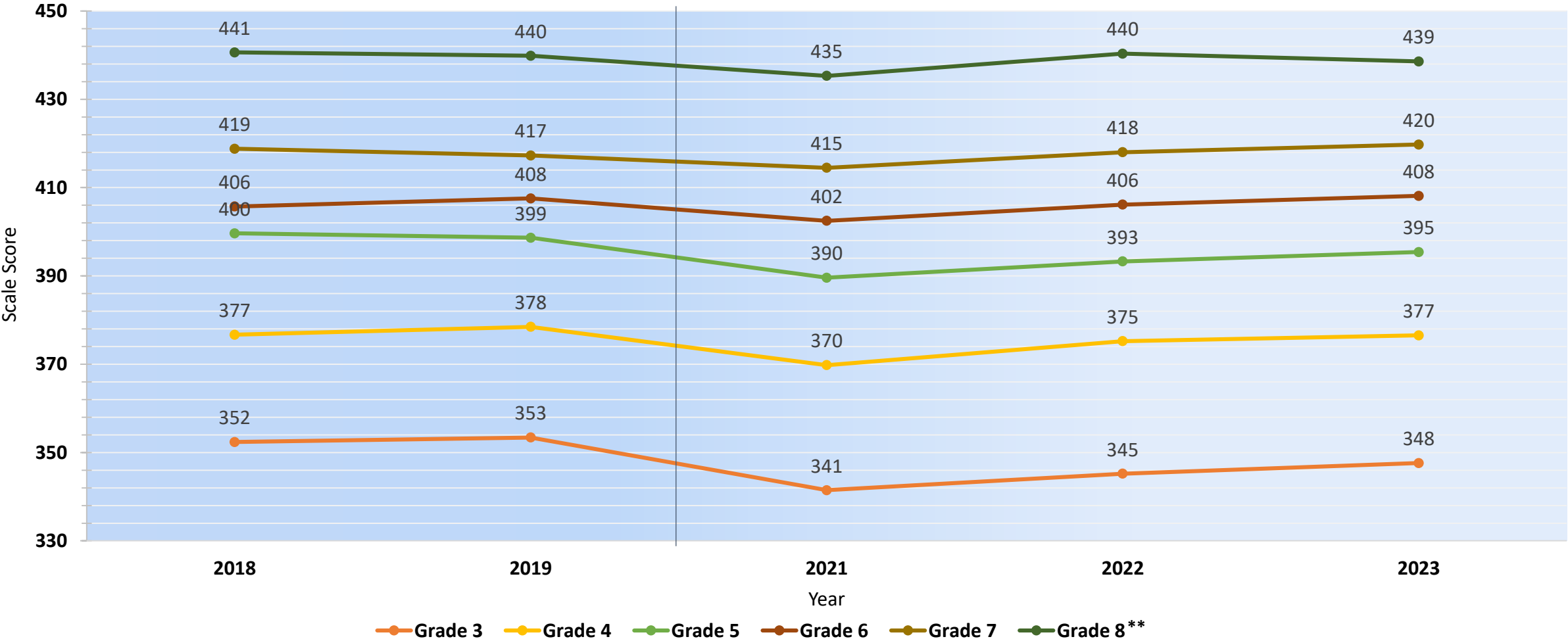
*Includes 8th grade students who took Algebra I EOC assessments.

**Optional for most high school students. May be required for high school students who took Algebra I prior to high school.

Percentages may not sum to 100 due to rounding.

MATHEMATICS 2018-2023 GRADES 3-8*

Mean Scale Score



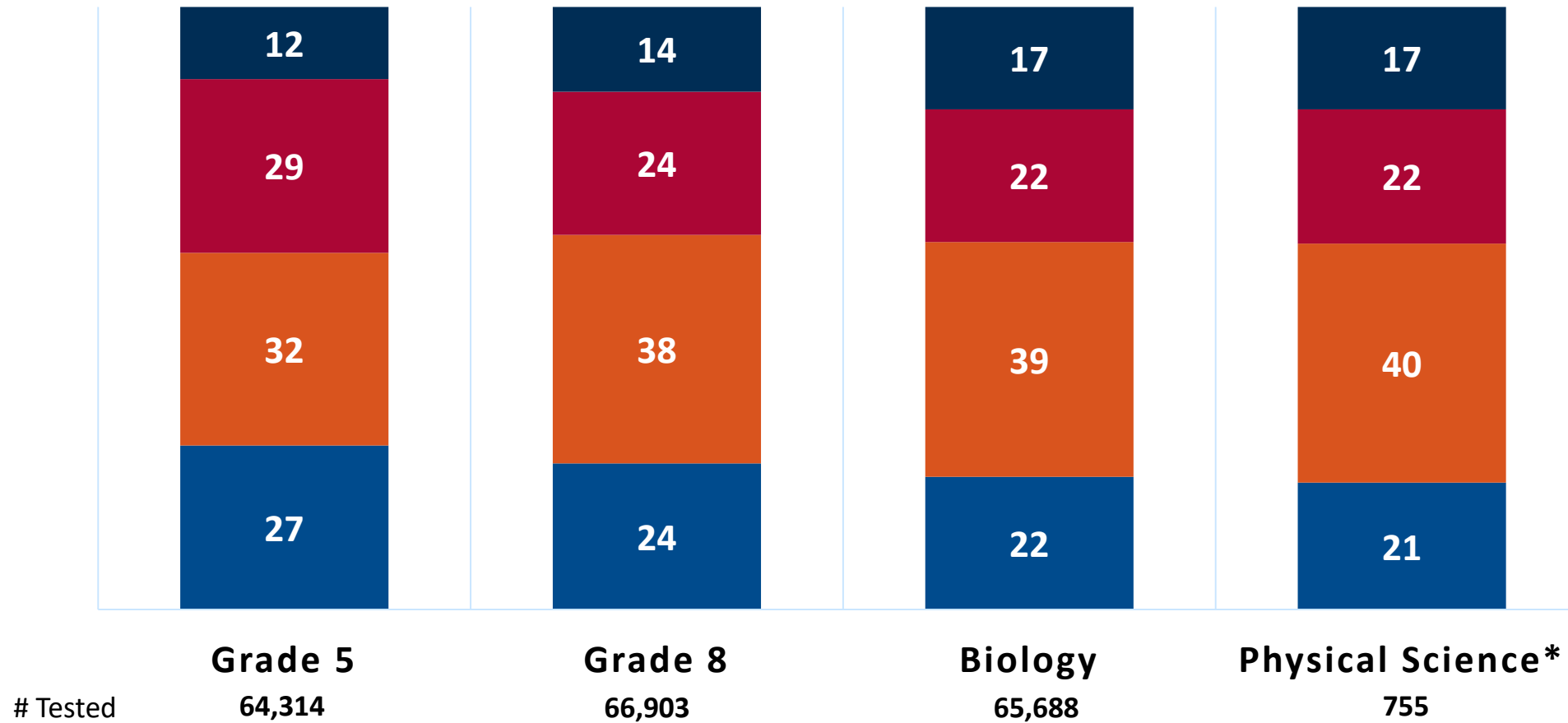
*Assessments were not administered in 2020.

** Includes Grade-Level assessments only.

SCIENCE 2022-23

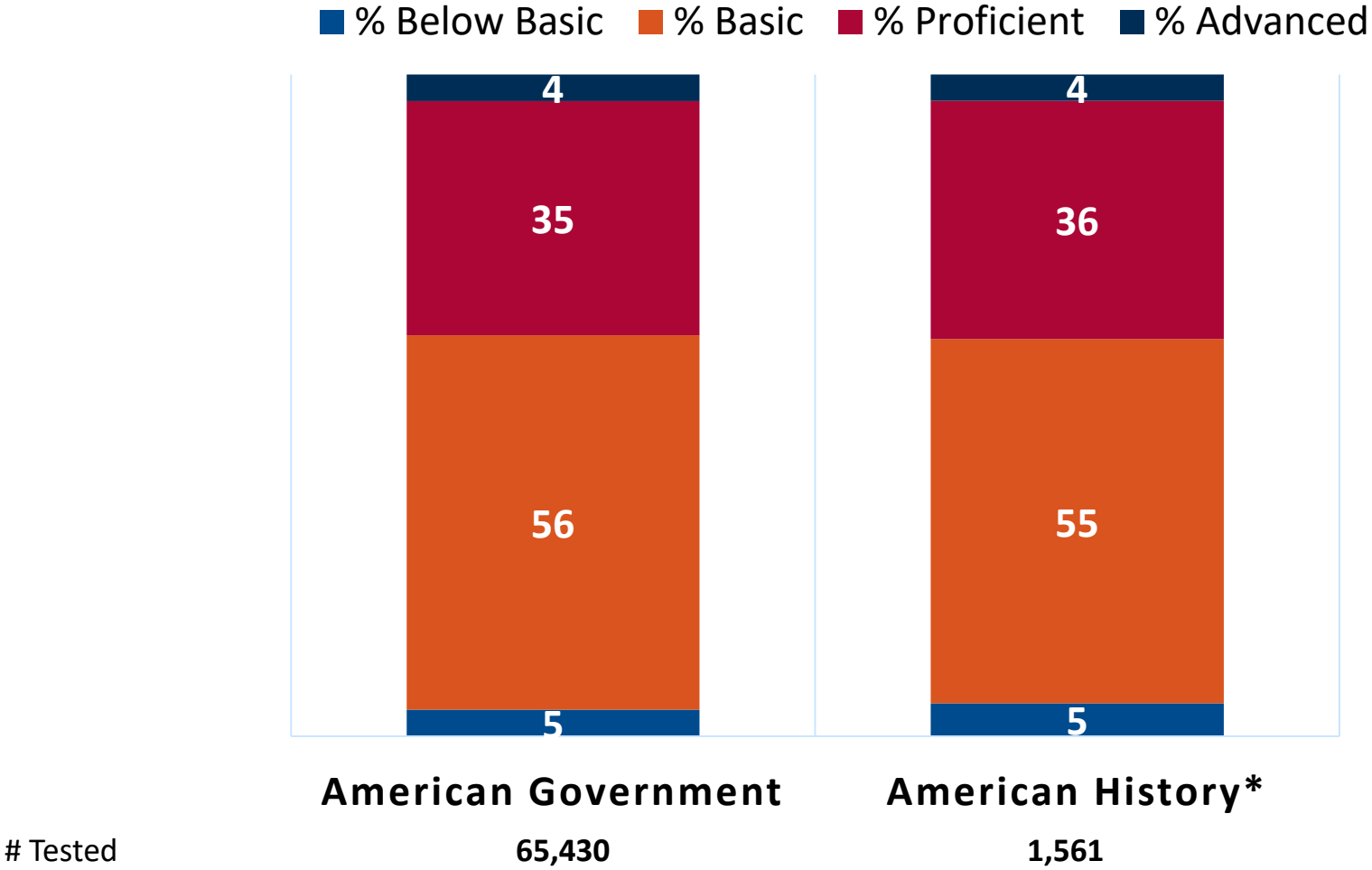


■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced



* Optional EOC assessment.

Percentages may not sum to 100 due to rounding.



*Optional EOC assessment.

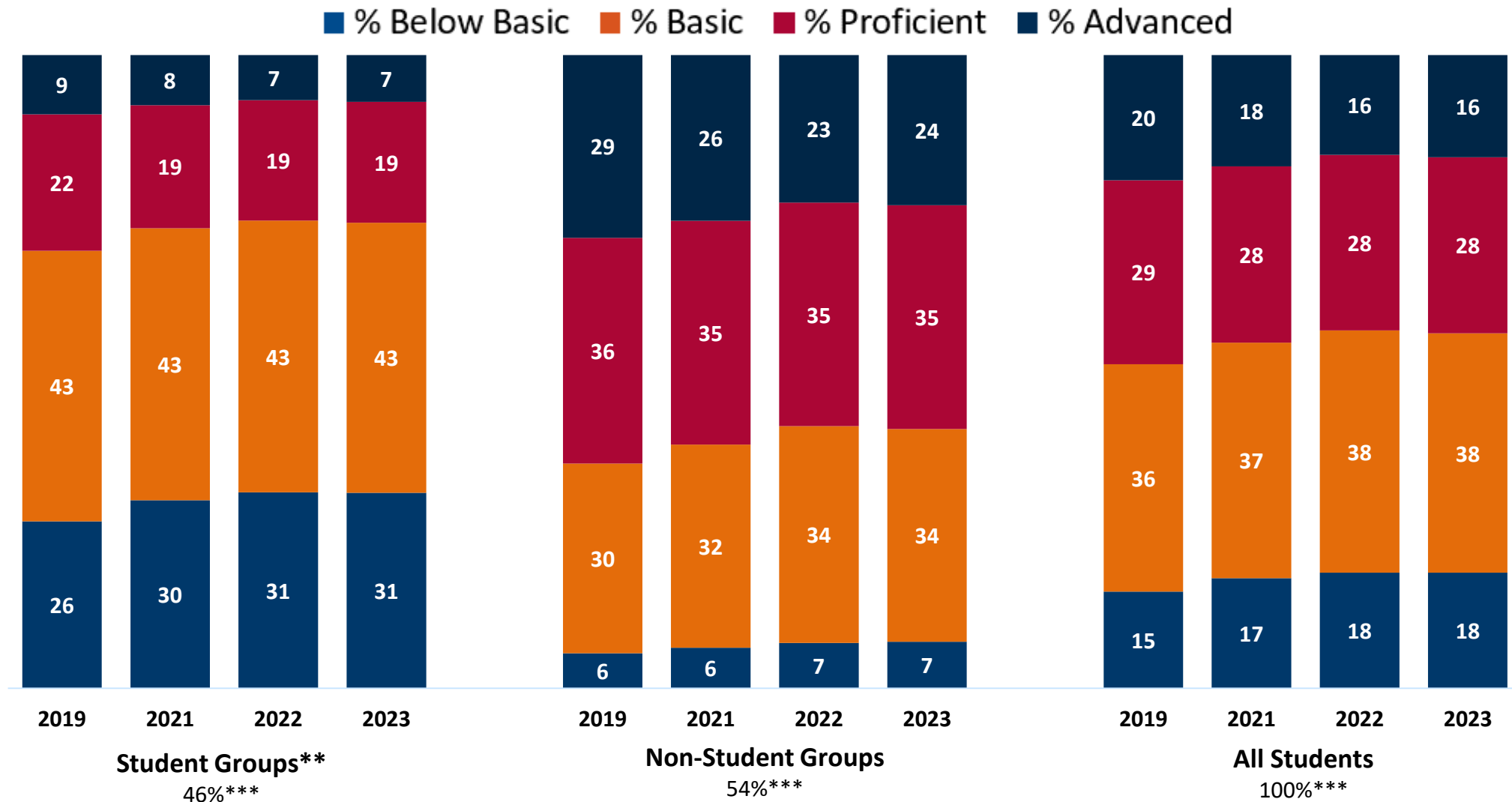
Percentages may not sum to 100 due to rounding.



Demographic Analyses

ELA, Mathematics, Science, and Social Studies

ELA— GRADE 3 THROUGH HIGH SCHOOL*



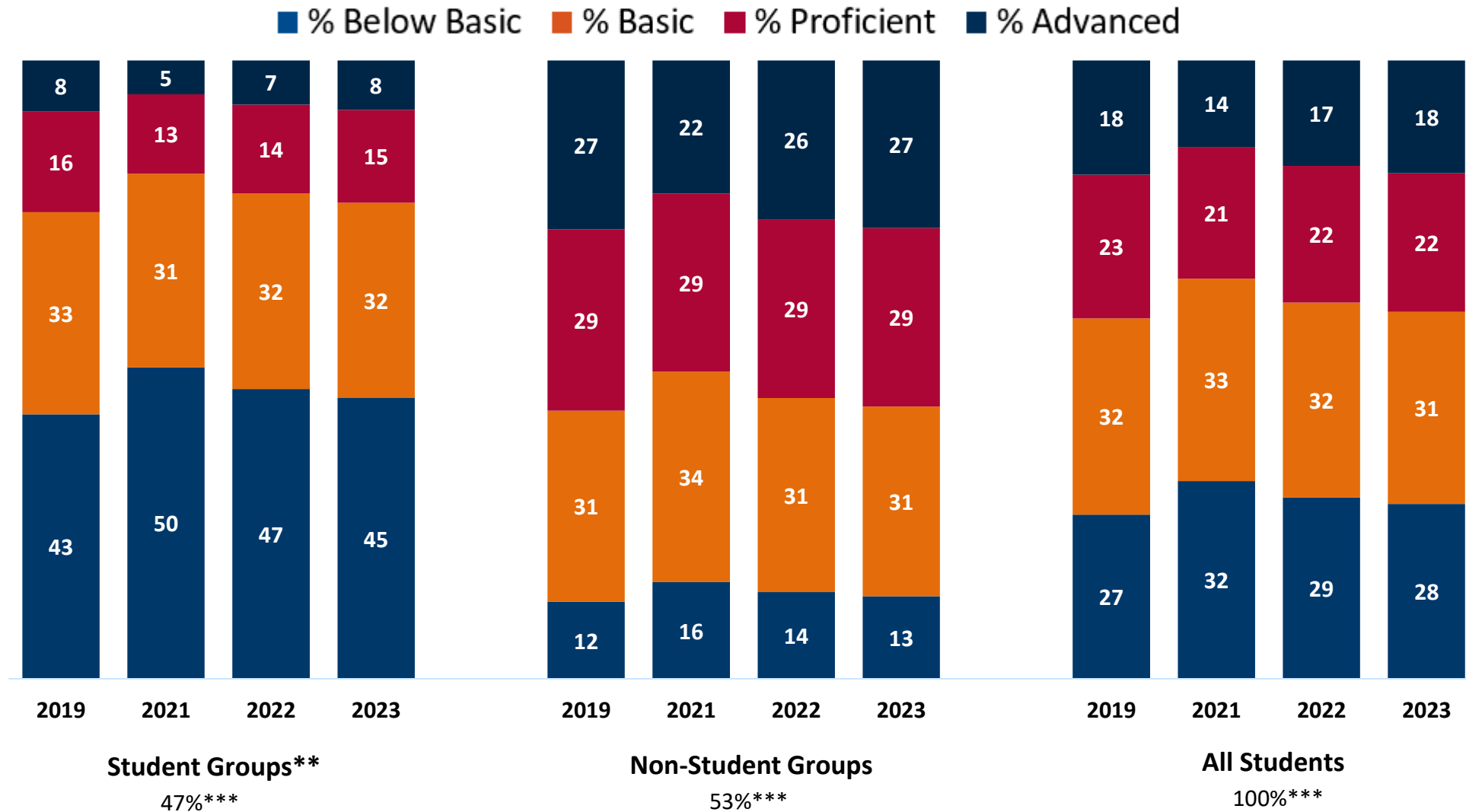
*Assessments were not administered in 2020.

**Includes Black, English Learners (EL), Free and Reduced Lunch (FRL), Hispanic, and Individualized Education Plan (IEP) student groups.

***Percent of total tested population in 2023.

Percentages may not sum to 100 due to rounding.

MATHEMATICS – GRADE 3 THROUGH HIGH SCHOOL*



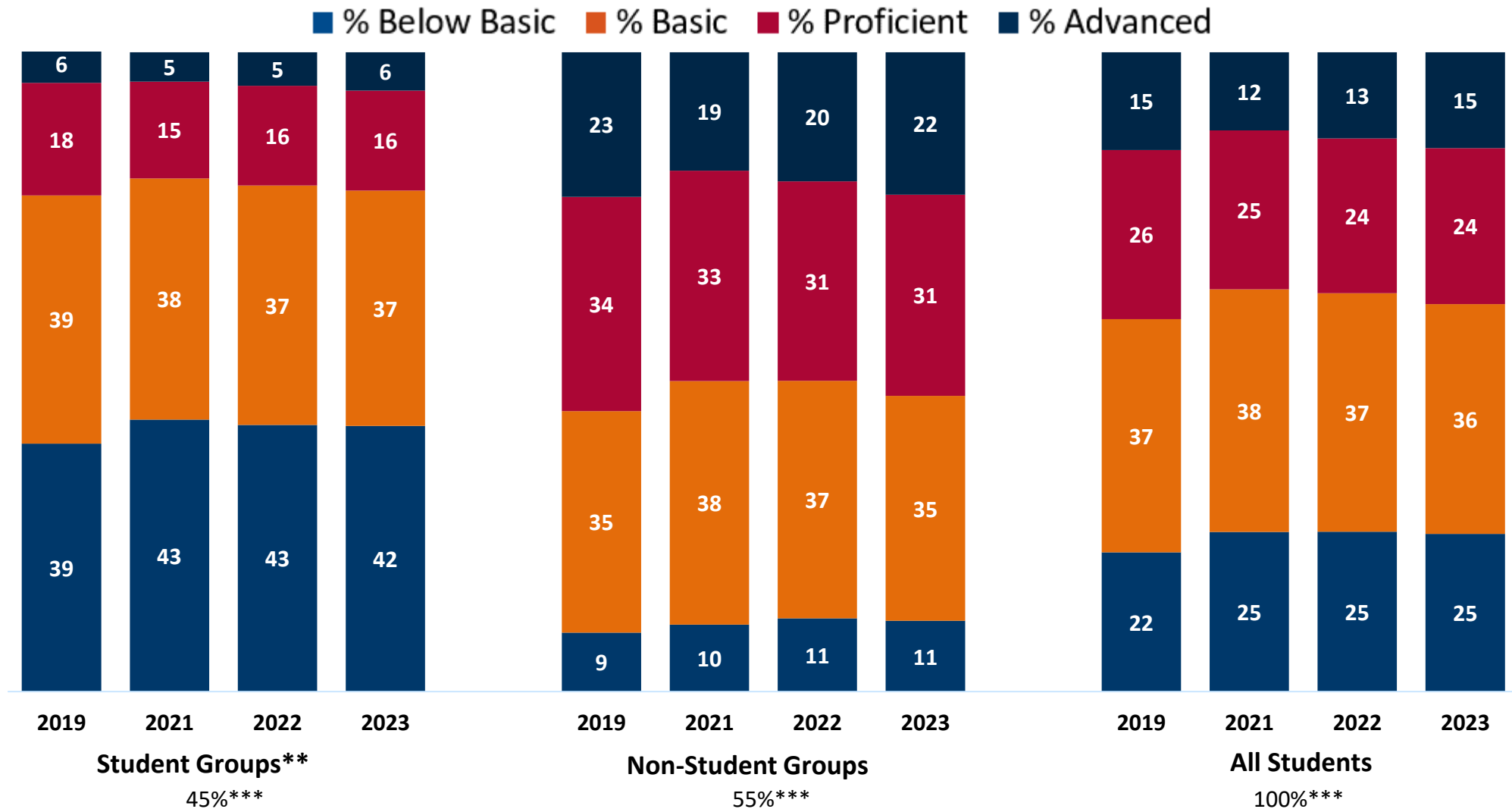
*Assessments were not administered in 2020.

**Includes Black, EL, FRL, Hispanic, and IEP student groups.

***Percent of total tested population in 2023.

Percentages may not sum to 100 due to rounding.

SCIENCE – GRADE 5, 8 AND HIGH SCHOOL*



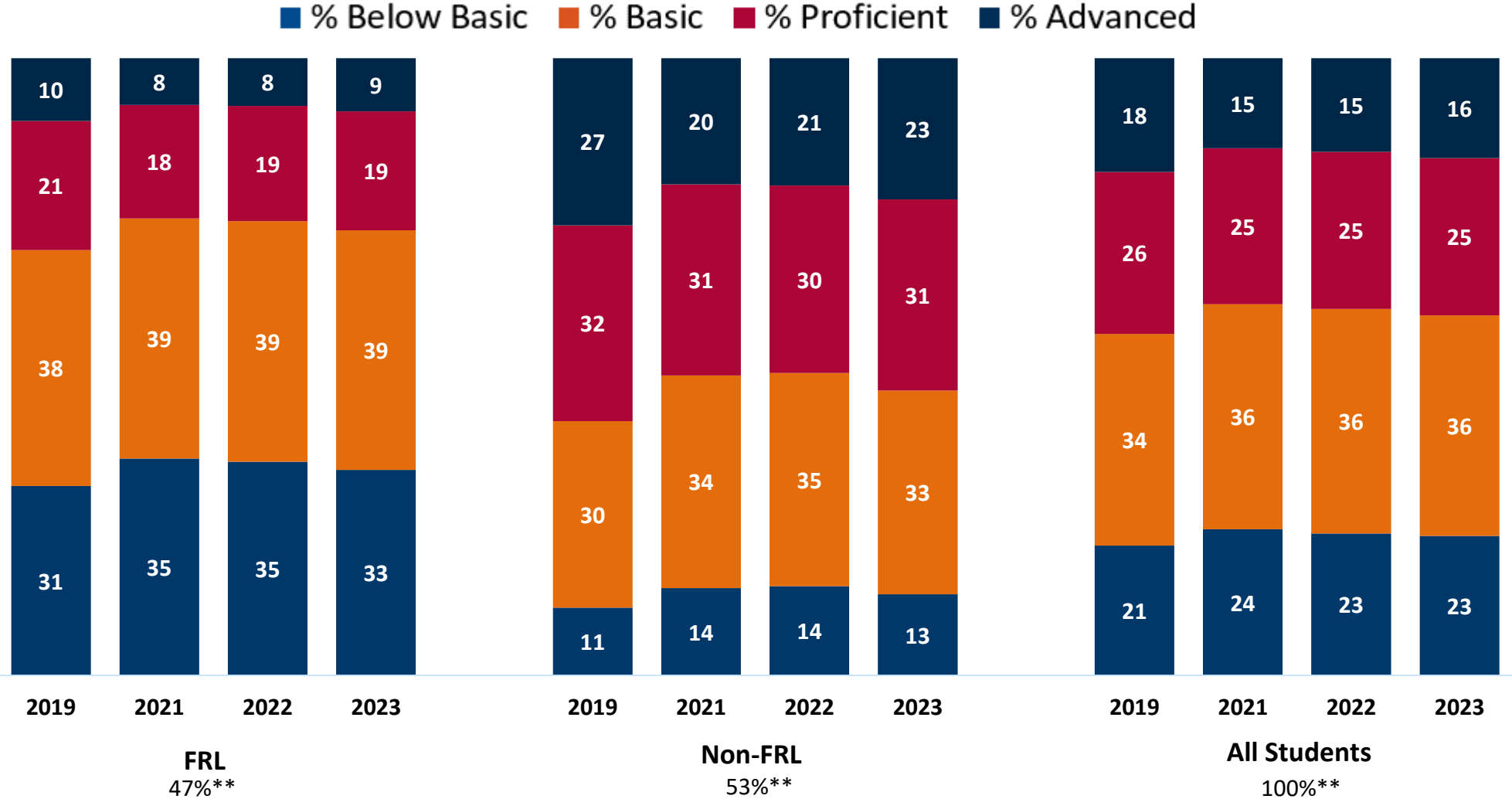
*Assessments were not administered in 2020.

**Includes Black, EL, FRL, Hispanic, and IEP student groups.

***Percent of total tested population in 2023.

Percentages may not sum to 100 due to rounding.

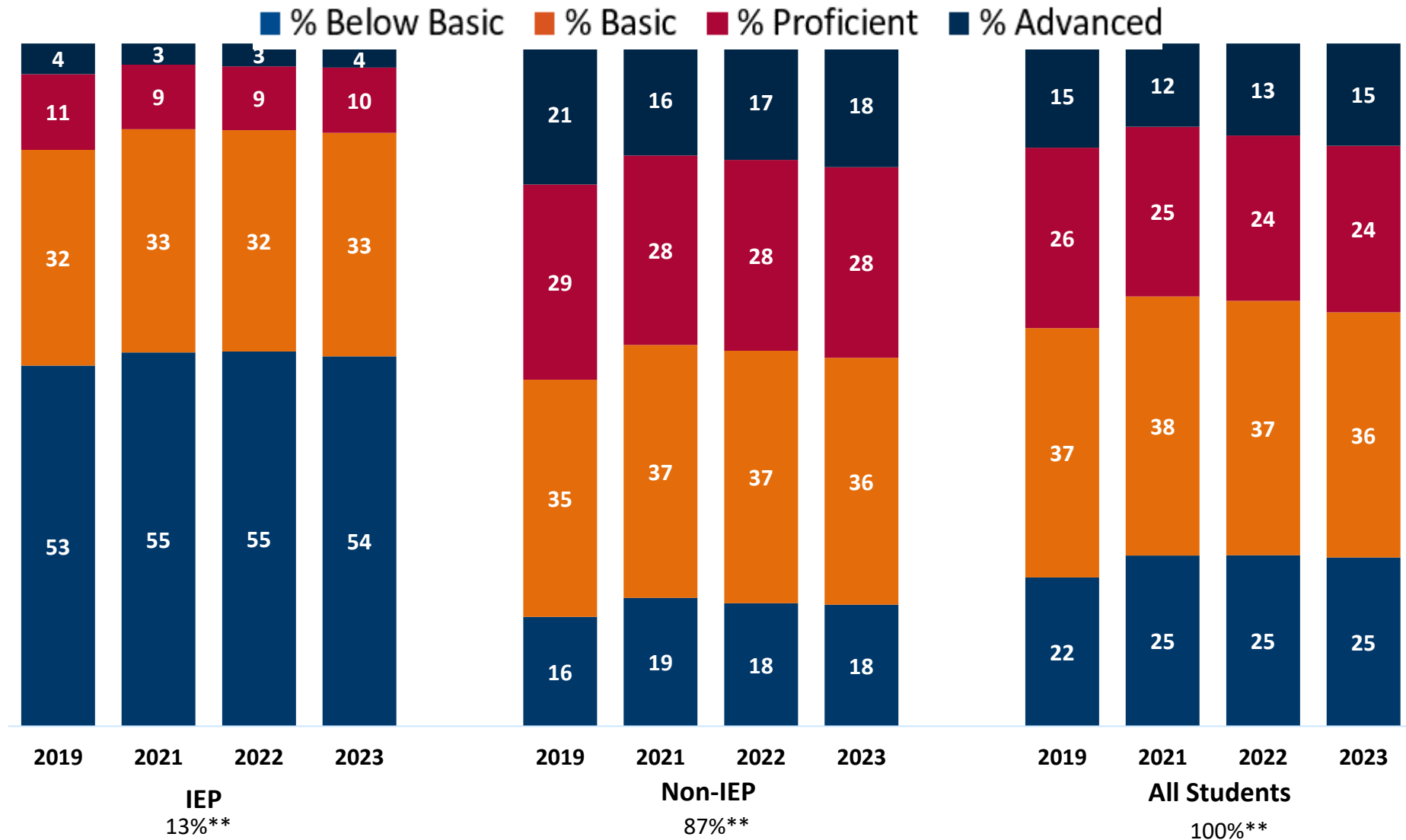
FRL – ALL TESTED CONTENT AREAS AND GRADES*



*Assessments were not administered in 2020.
**Percent of total tested population in 2023.

Percentages may not sum to 100 due to rounding.

IEP – ALL TESTED CONTENT AREAS AND GRADES*

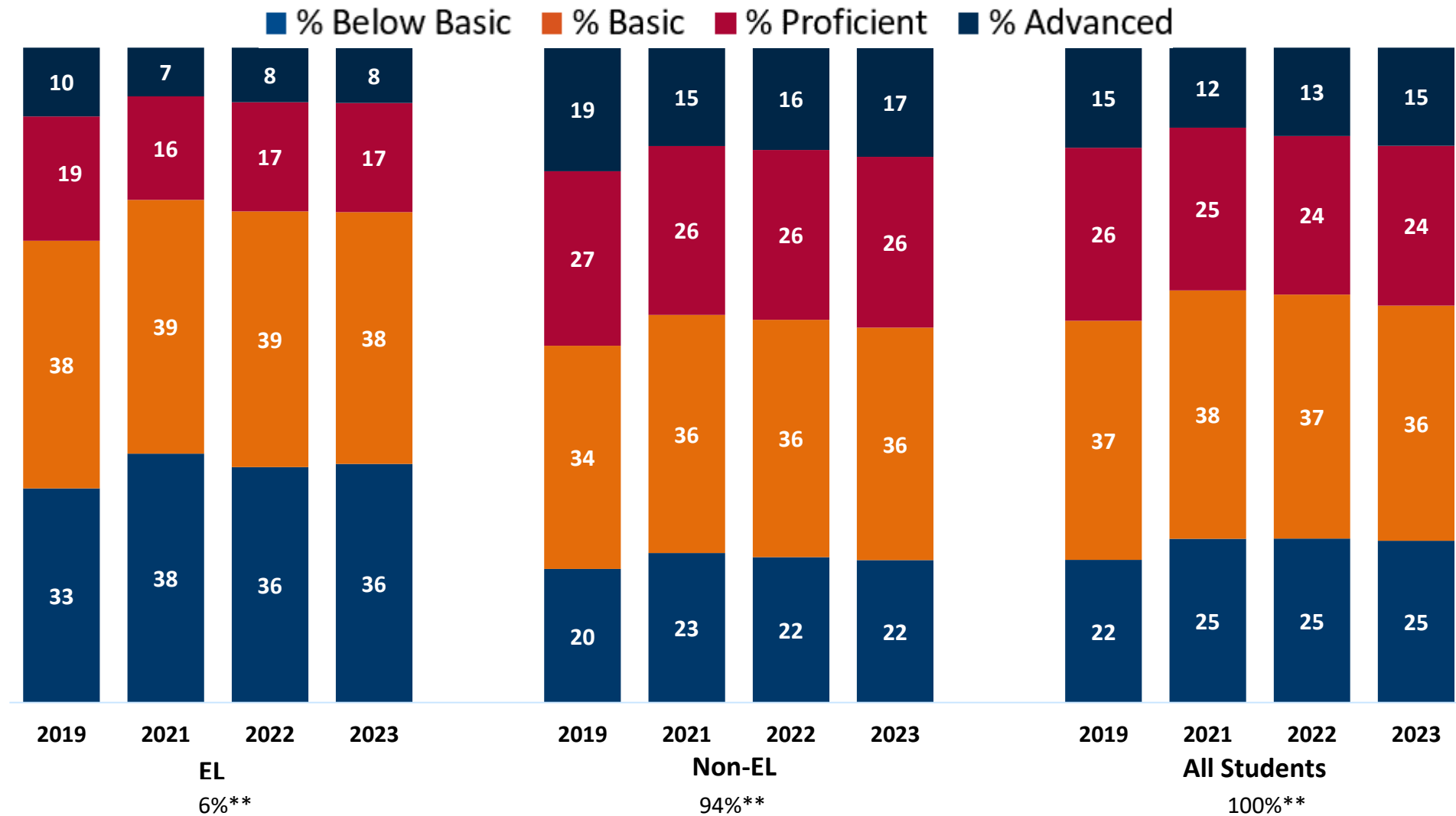


*Assessments were not administered in 2020.

**Percent of total tested population in 2023.

Percentages may not sum to 100 due to rounding.

EL – ALL TESTED CONTENT AREAS AND GRADES*



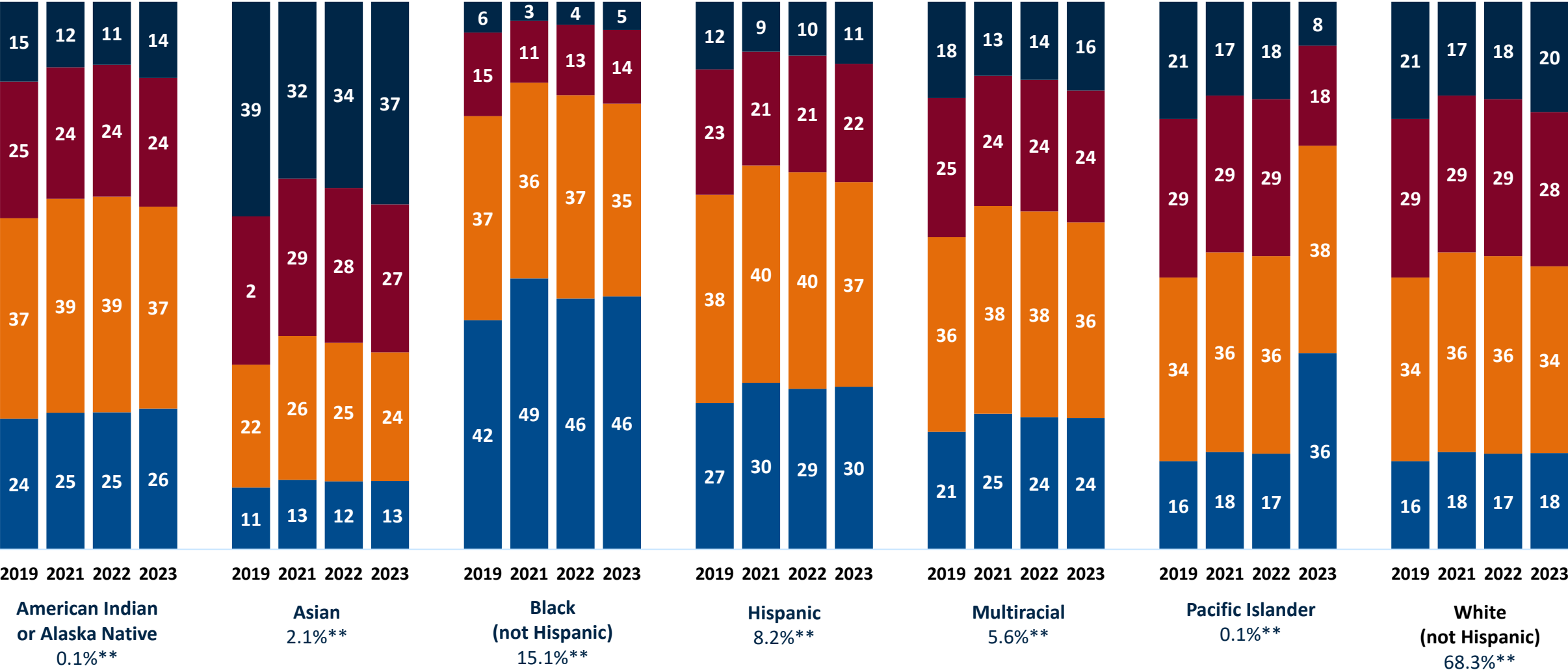
*Assessments were not administered in 2020.

**Percent of total tested population in 2023.

Percentages may not sum to 100 due to rounding.

ETHNICITY – ELA AND MATHEMATICS, GRADE 3 THROUGH HIGH SCHOOL*

■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced



*Assessments were not administered in 2020.

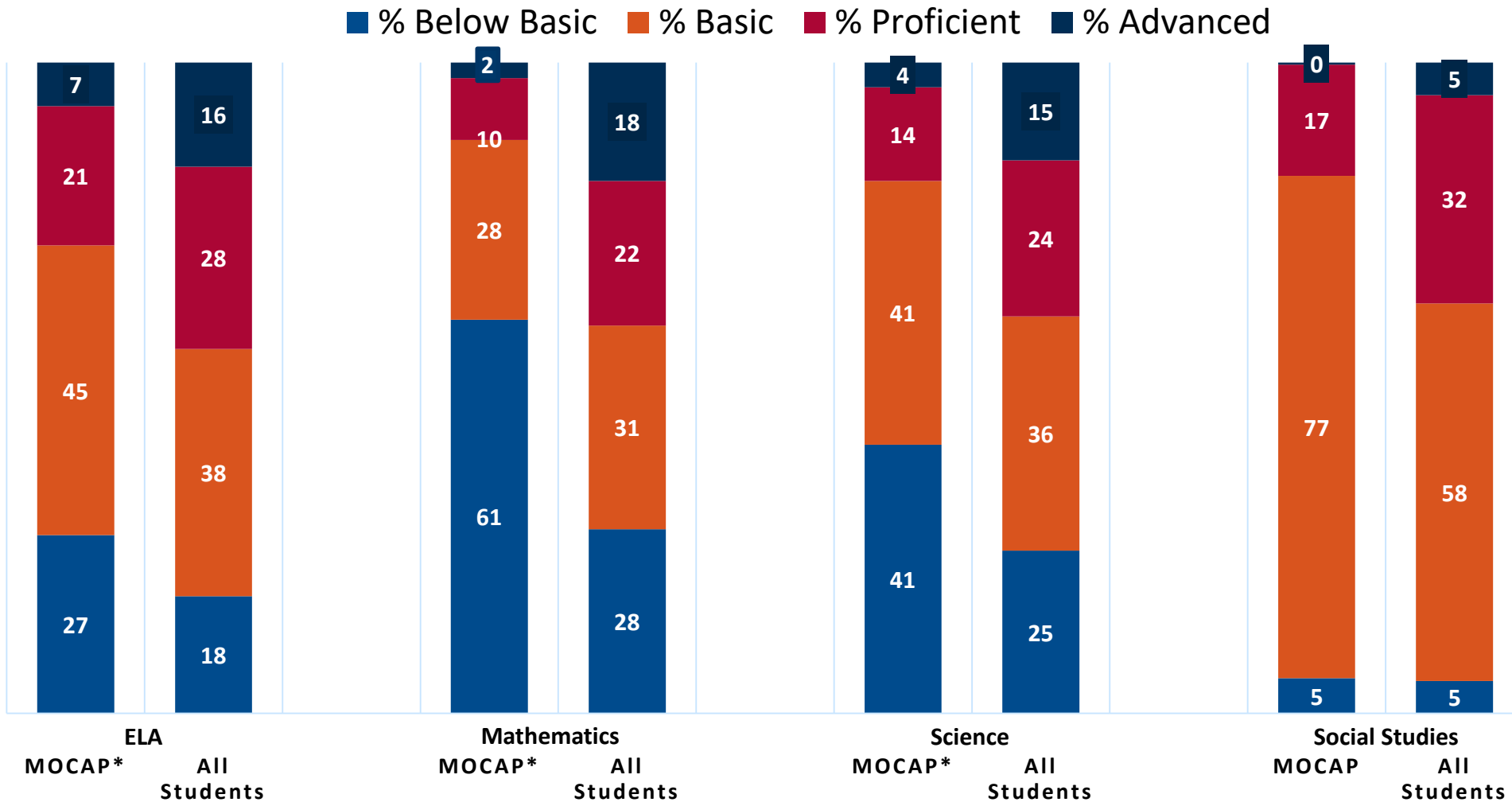
**Percent of total tested population in 2023.

Percentages may not sum to 100 due to rounding.



MISSOURI COURSE ACCESS AND VIRTUAL SCHOOL PROGRAM (MOCAP)

MOCAP 2022-23 – GRADE 3 THROUGH HIGH SCHOOL



Tested 2,486 459,788 2,383 460,012 1,183 198,154 672 55,484

*Includes only full-time hosted programs.

Percentages may not sum to 100 due to rounding.

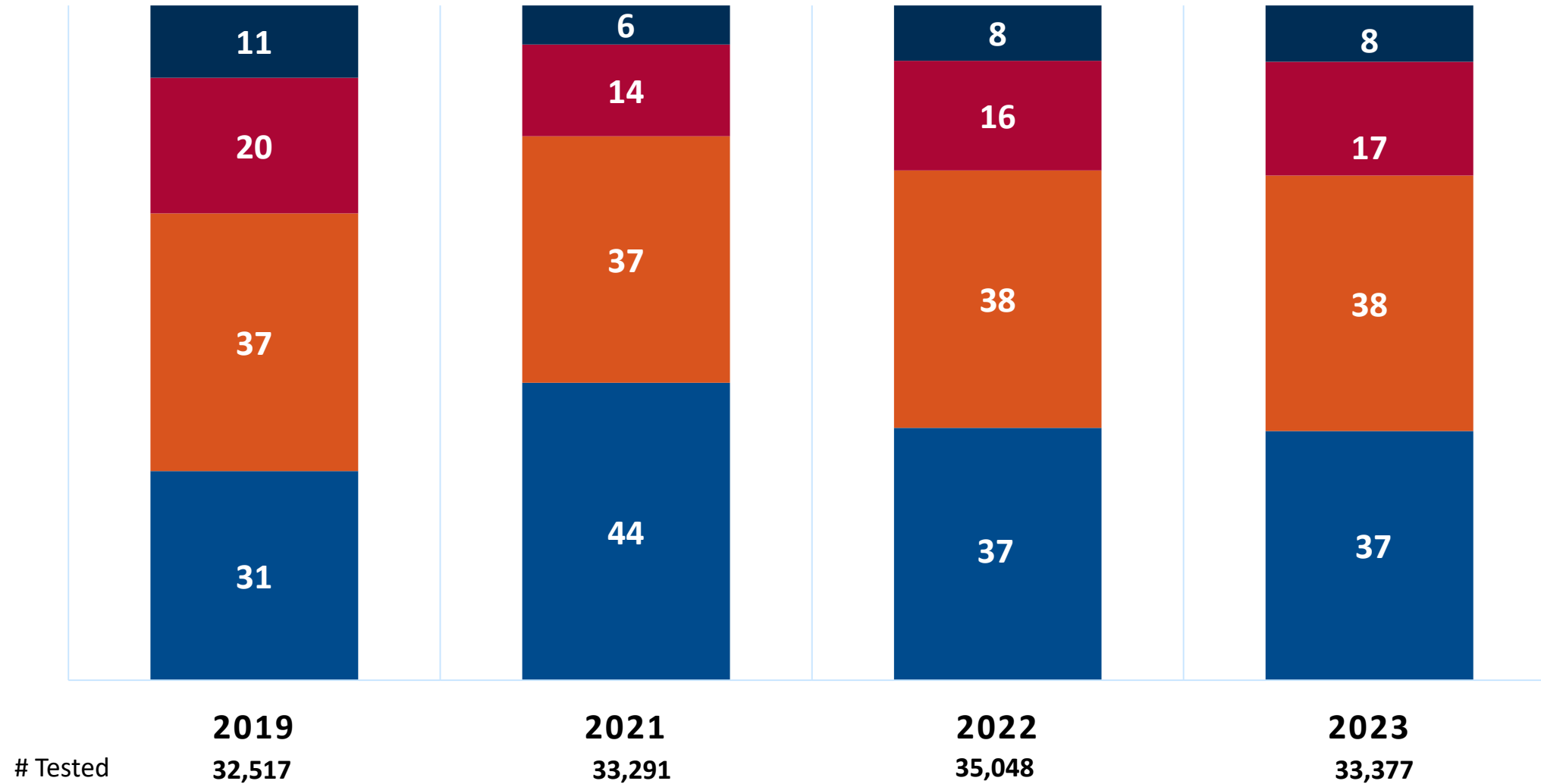


Charter LEAs

CHARTER – ALL TESTED CONTENT AREAS AND GRADES



■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced

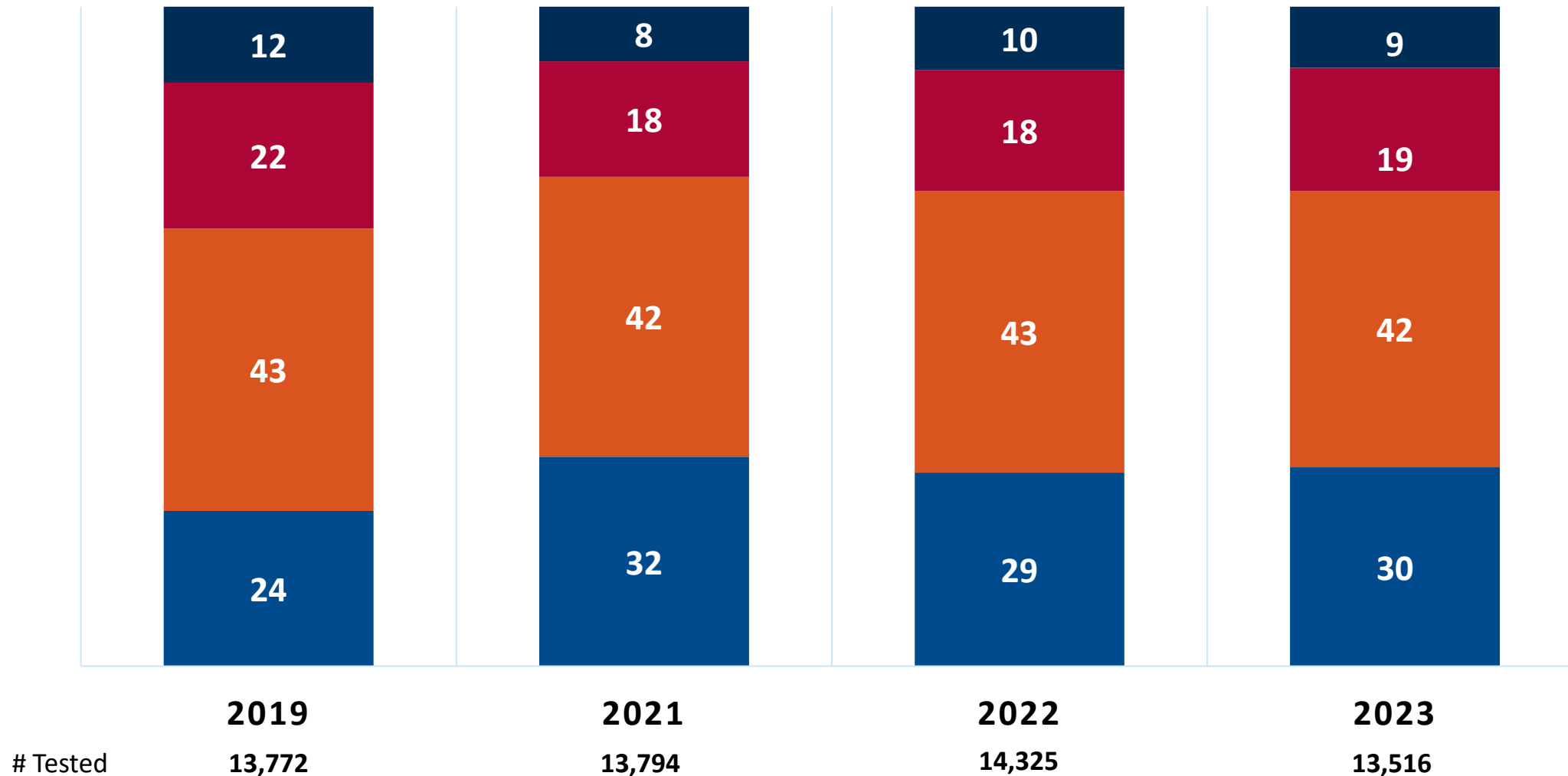


Percentages may not sum to 100 due to rounding.

CHARTER ELA – GRADE 3 THROUGH HIGH SCHOOL



■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced

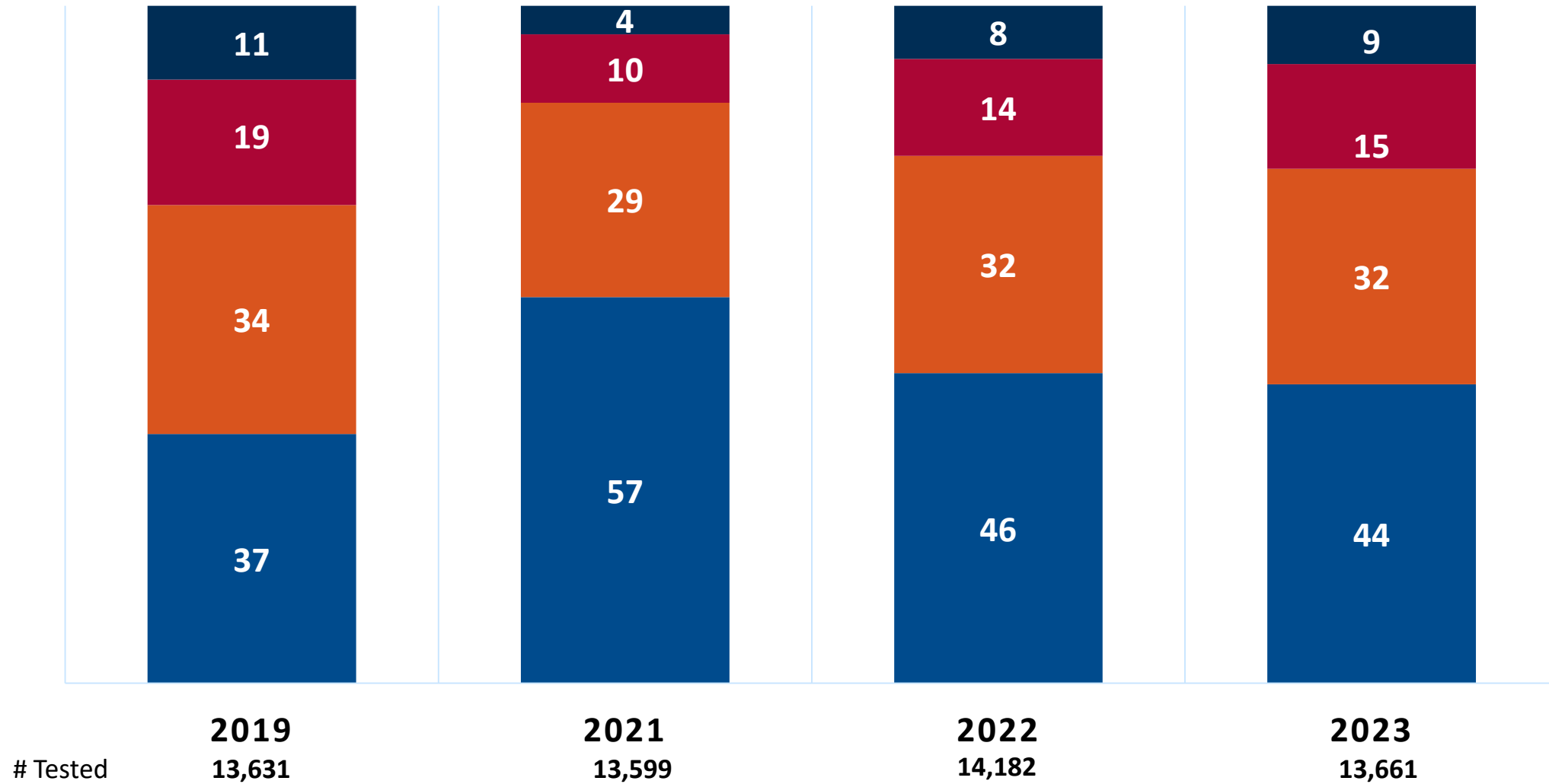


Percentages may not sum to 100 due to rounding.

CHARTER MATHEMATICS – GRADE 3 THROUGH HIGH SCHOOL



■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced

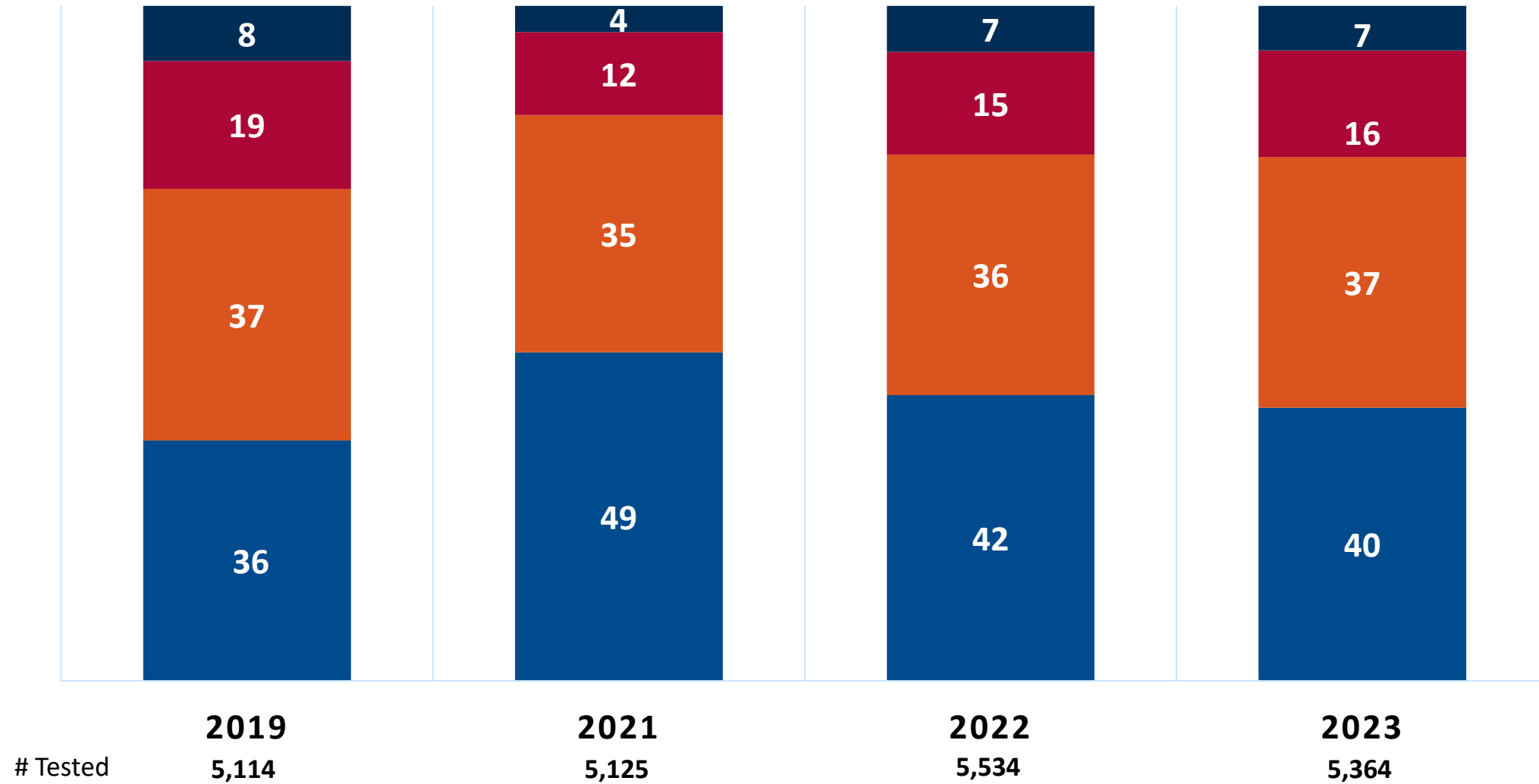


Percentages may not sum to 100 due to rounding.

CHARTER SCIENCE – GRADE 5 THROUGH HIGH SCHOOL



■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced

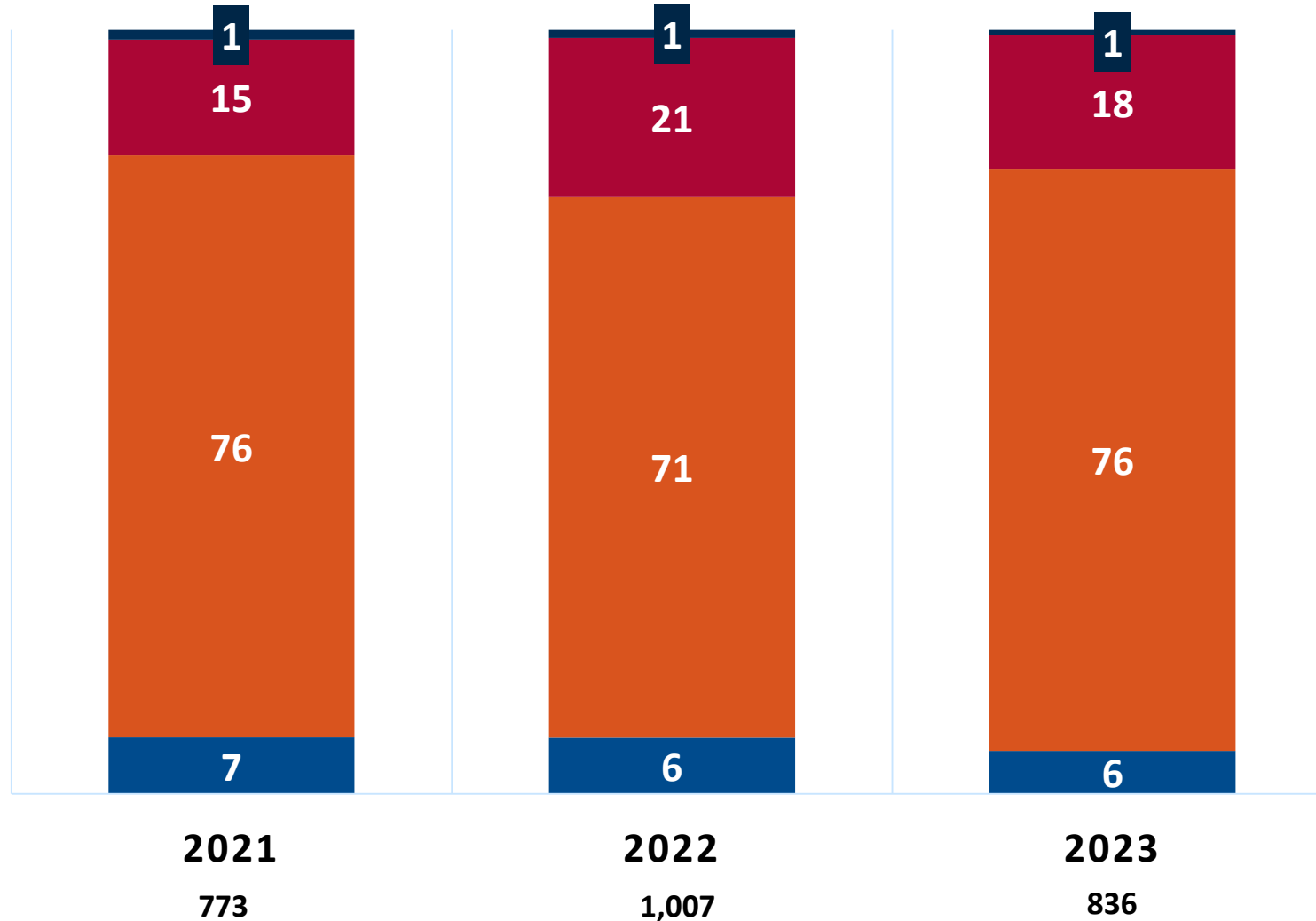


Percentages may not sum to 100 due to rounding.

CHARTER SOCIAL STUDIES – HIGH SCHOOL



■ % Below Basic ■ % Basic ■ % Proficient ■ % Advanced



Percentages may not sum to 100 due to rounding.



Missouri Read, Lead, Exceed

Evidence-based training for teachers, high quality instructional materials, literacy assessments, and Reading Success Plans (RSPs) for long-term success

Missouri Mathematics Initiative

Evidence-based training for teachers, emphasis on fluency and rigor, and elementary mathematics specialist scholarships

Competency-Based Education

Success-Ready Students Network, legislative task force on competency-based education, and competency-based education grant program

Educator Workforce

Blue Ribbon Commission addresses teacher recruitment, retention solutions including a focus on culture and climate

Safe and Healthy Schools

Statewide support including school safety grants, mental health grants, mental health first aid, and the development of social and emotional learning standards

Additional Research

Continued investigation into instructional time, enrollment, attendance patterns, and effective local responses



Questions?

Contact us at
assessment@dese.mo.gov

573-751-3545